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11/7/2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-18. (Cancelled)

19. (Currently AMENDED)A Thermal ink jet printhead ~~(40)~~ comprising a reservoir ~~(103)~~ containing ink ~~(142)~~, a die ~~(61)~~, a slot ~~(102)~~ etched in said die ~~(61)~~ and fluidly connected with said reservoir ~~(103)~~, and a plurality of ejectors ~~(73)~~ each of which in turn comprises a nozzle ~~(56)~~ having an outer edge ~~(66)~~, and a chamber ~~(74)~~, said ink ~~(142)~~ forming a meniscus ~~(54)~~ on said outer edge ~~(66)~~, and each of said ejectors ~~(73)~~ presenting a time constant τ,

wherein each of said chambers ~~(74)~~ is fluidly connected with said slot ~~(102)~~ through a plurality of elementary ducts ~~(72)~~ each having width g determined by means of the formula

$$g = \sqrt{12 * \upsilon * \tau}$$

where ν is the viscosity of the ink and τ is the time constant assigned to each of said ejectors ~~(73)~~, and the number N of said elementary ducts ~~(72)~~ is determined by means of the formula

$$N = (R')^2 * \frac{C_m}{4L'}$$

where R' and L' represent respectively the hydraulic resistance and the hydraulic ~~inertance~~ resistance of a single elementary duct ~~(72)~~, and Cm represents the hydraulic compliance of said meniscus ~~(54)~~, whereby said meniscus ~~(54)~~ presents a critical damping with whatever value is assigned to τ.

20. (Currently AMENDED) The printhead ~~Printhead~~ according to claim 19, wherein said chamber ~~(74)~~ comprises a bottom ~~(67)~~, and that said elementary ducts ~~(72)~~ are fluidly connected with said chamber ~~(74)~~ through said bottom ~~(67)~~.

21. (Currently AMENDED) ThePrinthead printhead according to claim 19, wherein each of said elementary ducts ~~(72)~~ has a substantially rectangular section.